

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A magnetic material manufacturing method for manufacturing a ribbon-shaped magnetic material comprising:

colliding a molten alloy to a circumferential surface of a cooling roll so as to cool and then solidify the molten alloy, wherein the ribbon-shaped magnetic material has an alloy composition represented by the formula of $R_x(Fe_{1-y}Co_y)_{100-x-z}B_z$ (where R is at least one rare earth element, x is 10-15 at%, y is 0-0.30 and z is 4-10 at %);

dividing dimples that are produced on a roll contact surface of the ribbon-shaped magnetic material which is in contact with the circumferential surface of the cooling roll with dimple correcting means, the dimple correcting means defined by a plurality of ridges that are formed by grooves formed in the circumferential surface of the cooling roll at an angle less than or equal to 30° relative to an edge of the cooling roll, wherein an average width of each groove is 0.5-90 μm for preventing the molten alloy from entering the grooves and, each ridge including a plurality of discontinuous, discreet, and spaced apart regions, wherein the ratio of the area of the grooves with respect to the area of the circumferential surface when they are projected on the same plane is in the range of 30 - 99.5%.

2. (Original) The manufacturing method as claimed in Claim 1, wherein the cooling roll includes a roll base and an outer surface layer provided on an outer peripheral portion of the roll base, and the outer surface layer has said dimple correcting means.